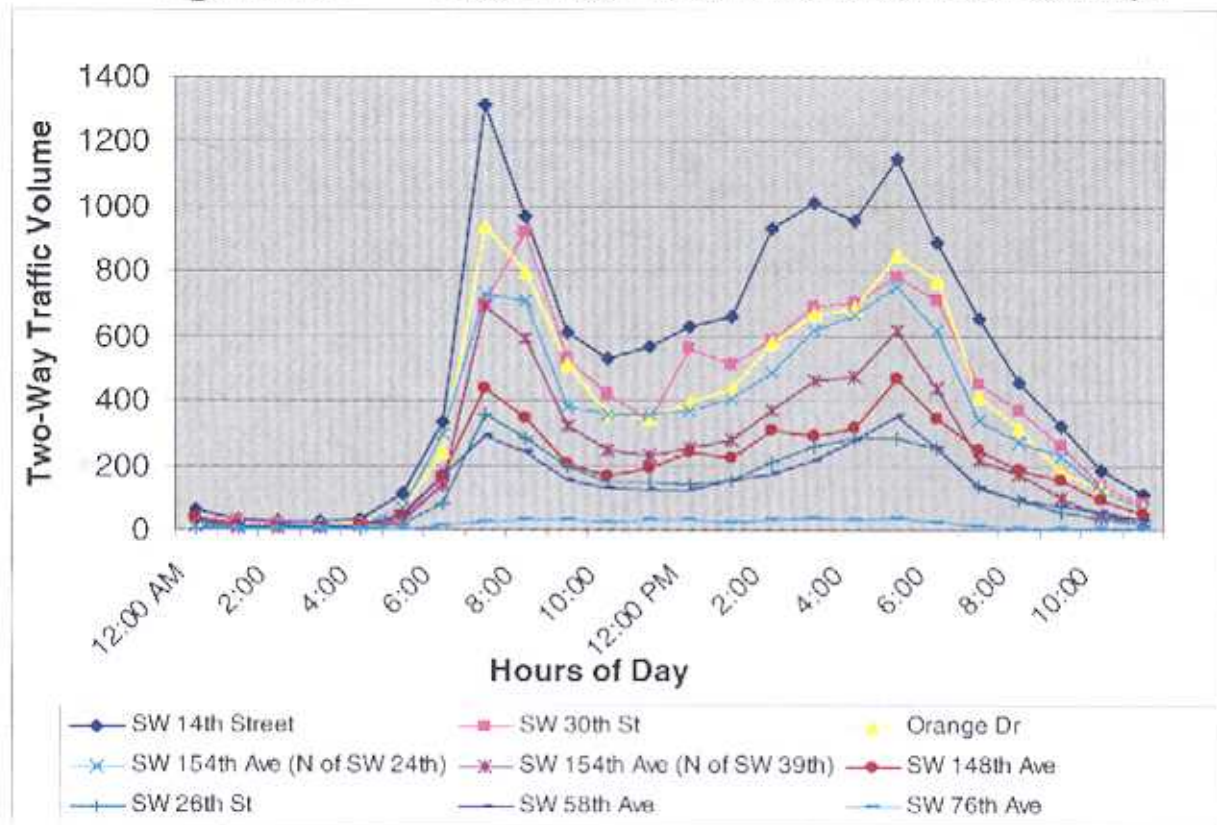




Figure 10 2008 24-Hour Traffic Profile at Major Local Roadways



Local Roadway Operation

The Broward County Roadway Capacity and Level-of-Service study (Reference 11) classifies most of the local roadways as "Other Signalized Roadway", with a service volume of 10,000 AADT for LOS "D" according to the FDOT Quality/Level of Service Handbook (Reference 12). The Input Value Assumption data provided in the FDOT Q/LOS handbook does not provide posted speed or signal per mile information for "Other Signalized Roadway". This category is inadvertently used as catch-all classification for roadways that do not fit other roadway categories.

The roadway characteristics of most of the local roadways in the Town are semi-rural or semi-urban in nature. They generally accommodate free-flow movement with no traffic signal control. Hence, the effective green ratio (g/C) of 0.31 used as input value for "Other Signalized Roadway" is considered low, especially when compared to g/C of 0.41 used as input value for "Major City/County Roadway" classification. Hence, it is comprehensible that the main local roadways in Town should be classified as "Major City/County Roadway" with a service volume of 14,600 AADT for LOS "D" for two-lane undivided roadway. Table 8 lists the roadways, number of lanes, AADT and corresponding LOS when classified as a "Major City/County Roadway". Figure 11 shows the 2008 level-of-service of the study roadways.